

1300 North Seventeenth Street  
Suite 1800  
Arlington, Virginia 22209  
Phone: (703) 312-6600  
Fax: (703) 312-6668

**ANTONELLI,  
TERRY, STOUT & KRAUS, LLP**

# Fax

**To: Mrs. Burt, PTO, PCT****From: Donald E. Stout****Fax: (703) 305-3230****Pages: See Below****Phone: (703) 305-3734****Date: August 29, 2002****Re: USSN 09/936,431****Erling STAGE et al****CC:****ATS&K Ref: 367.40412X00**

☐ Urgent    ☒ For Review    ☐ Please Comment    ☐ Please Reply    ☐ Please Recycle

**• Comments:**

In accordance with your telephone request of August 27<sup>th</sup>, facsimiled herewith are the following documents:

Preliminary Amendment, filed Sept. 13, 2001 (7 pgs.)

Change of Correspondence Address, Sept. 13, 2001, (1 pg.) & Credit Card Payment Form

(DO/EO/US) Transmittal Letter, Sept. 13, 2001 (3 pgs.) & Copy of Post Card Receipt

Assignment, filed March 7, 2002 (2 pgs.)

Letter of Transmittal, Declaration, Notice to File Miss. Parts, filed March 7, 2002 (6 pgs.)

Petition for Extension of Time, filed March 7, 2002 & Credit Card Payment Form (2 pgs.)

PTO Filing Receipt, Mailed March 21, 2002 (2 pgs.)

PTO Notice of Acceptance of Appln. Under 35 USC 371, mailed March 21, 2002 (2 pgs.)

Copy of Recorded Assignment Document, mailed May 16, 2002 (3 pgs.)

Copy of Post Card Receipt of March 7, 2002 for Submission of Declaration, Assgn. & Extension of Time

If you experience any problem regarding this transmission, please contact Donna/Don ext. 6649/6650

**CONFIDENTIALITY NOTICE:** The document accompanying this facsimile transmission contains confidential information belonging to the sender which is legally privileged. The information is intended only for the use of the individual(s) or entity(ies) named above. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of this facsimile information is strictly prohibited. If you have received this facsimile in error, please immediately notify us by telephone to arrange for return of the original document to us.



MAY 16, 2002

PTAS

Commissioner for Trademarks  
Arlington, VA 22202-3513  
www.uspto.govANTONELLI, TERY, STUOT & KRAUS, LLP  
DONALD E. STOUT  
1300 NORTH SEVENTEENTH STREET  
SUITE 1800  
ARLINGTON, VA 22209

\*102029550A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/12/2002

REEL/FRAME: 012697/0175  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

STAGE, ERLING BUGGE

DOC DATE: 01/04/2001

ASSIGNOR:

PEDERSEN, CLAUS

DOC DATE: 01/12/2001

ASSIGNEE:

NOKIA MOBILE PHONES LIMITED  
KEILALAHDENTIE 4, 02150  
ESPOO, FINLANDSERIAL NUMBER: 09936431  
PATENT NUMBER:FILING DATE: 03/07/2002  
ISSUE DATE:VIOLET MCCOY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

03-25-2002

Docket No. :

FORM PTO-1545  
1-31-92

R SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102029550

To the Honorable Commissioner of Patents and Trademarks: Please return the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Erling Bugge STAGE  
Claus PEDERSEN

## 2. Name and address of receiving party(ies):

Name: Nokia Mobile Phones Limited

Street Address: Keilalaudentie 4, 02150

City: Espoo

Country: Finland

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: January 4, 12, 2001

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/936,431 Filed September 13, 2001

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP

Internal Address:

03/12/2002 MMGUYEN 00000151 09936431

02 FC:581 40.00 OP  
Street Address: 1300 North Seventeenth Street  
Suite 1800

City: Arlington State: VA Zip: 22209

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41).....\$40.00

☒ Enclosed☒ Any deficiencies may be charged to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number: 01-2135

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Donald E. Stout

Name of Person Signing

Signature

March 7, 2002

Date

Attorney Registration No. 26,422

Total number of pages including cover sheet, attachments, and document: 2

OMB No. 0651-0011 (exp. 4/94)

Attorney Docket No.367.40412X00

**ASSIGNMENT**

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to **Radio Handset**

- ☐ for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
- ☒ for which U.S. Application Serial No.09/936,431 for Letters Patent was filed in the U.S. Patent and Trademark Office on 13 September 2001
- ☐ for which an International Application as , designating the United States. was filed on

AND WHEREAS

**NOKIA MOBILE PHONES LIMITED**  
**KEILALAHDENTIE 4**  
**02150 ESPOO**  
**FINLAND**

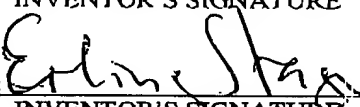
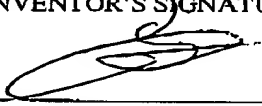
hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Anttoneli, Terry, Stout, Kraus, LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

|   |   |  |                   |
|---|---|--|-------------------|
| 1 | FULL NAME OF SOLE OR FIRST NAMED INVENTOR<br><br>ERLING BUGGE STAGE | INVENTOR'S SIGNATURE<br> | DATE<br>6/12 2001 |
| 2 | FULL NAME OF SECOND NAMED INVENTOR<br><br>CLAUS PEDERSEN            | INVENTOR'S SIGNATURE<br> | DATE<br>4/1-2002  |
| 3 | FULL NAME OF THIRD NAMED INVENTOR                                   | INVENTOR'S SIGNATURE   | DATE              |
| 4 | FULL NAME OF FOURTH NAMED INVENTOR                                  | INVENTOR'S SIGNATURE   | DATE              |
| 5 | FULL NAME OF FIFTH NAMED INVENTOR                                   | INVENTOR'S SIGNATURE   | DATE              |



UNITED STATES PATENT AND TRADEMARK OFFICE

 Commissioner for Patents, Box 901  
 United States Patent and Trademark Office  
 Washington, D.C. 20231  
 www.uspto.gov

|                             |                       |                  |
|-----------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 09/936,431                  | Erling Stage          | 367.40412X00     |

|                               |
|-------------------------------|
| INTERNATIONAL APPLICATION NO. |
| PCT/EP00/01923                |

|                  |               |
|------------------|---------------|
| I.A. FILING DATE | PRIORITY DATE |
| 03/06/2000       | 03/18/1999    |

020457

 ANTONELLI TERRY STOUT AND KRAUS  
 SUITE 1800  
 1300 NORTH SEVENTEENTH STREET  
 ARLINGTON, VA 22209

367.40412X00

CONFIRMATION NO. 4496

371 ACCEPTANCE LETTER



\*0000000007877014\*

Date Mailed: 03/21/2002

des

# NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.494 OR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as an Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

03/07/2002
 DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and  
 (c)(4) REQUIREMENTS
03/07/2002
 DATE OF RECEIPT OF ALL 35 U.S.C.  
 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE. The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- U.S. Basic National Fee
- Assignee Statement
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Oath or Declaration
- Preliminary Amendments

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

CHARITTA A BURT  
Telephone: (703) 305-3734

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|-----------------|----------|------------|------------|
| 09/936,431         | 02/03/2002  | 2681         | 1214          | 367.40412X00    | 4        | 28         | 4          |

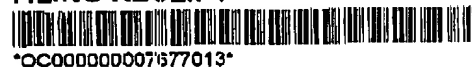
CONFIRMATION NO. 4496

020457

ANTONELLI TERRY STOUT AND KRAUS  
SUITE 1800  
1300 NORTH SEVENTEENTH STREET  
ARLINGTON, VA 22209

DES

## FILING RECEIPT



\*0C000000007677013\*

Date Mailed: 03/21/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Erling Stage, Valby, DENMARK;  
Claus Pedersen, Albertslund, DENMARK;

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/EP00/01923 03/06/2000

## Foreign Applications

UNITED KINGDOM 9906317.4 03/18/1999

Projected Publication Date: Not Applicable, filed prior to November 29,2000

Non-Publication Request: No

Early Publication Request: No

## Title

Radio handset

## Preliminary Class

455

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



367.40412X00

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): STAGE, et al

Serial No.: 09/936,431

Filed: September 13, 2001

For: RADIO HANDSET

International  
Application No.: PCT/EP00/01923International  
Filing Date: March 6, 2000

Attention: PCT Branch

LETTER OF TRANSMITTALCommissioner for Patents  
Washington, D.C. 20231

March 7, 2002

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 In the United States Designated/Elected Office (DO/EO/US) dated November 1, 2001, applicants are submitting herewith an executed declaration/assignment. In addition, a payment in the amount of \$130.00 to cover the required surcharge for filing the declaration/assignment is also attached, in accordance with 37 CFR 1.492(e).

To the extent necessary, applicant's petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account

No. 01-2135 (367.40412X00) and please credit any excess fees  
to such deposit account.

Respectfully submitted,

\_\_\_\_\_  
Donald E. Stout  
Registration No. 26,422  
ANTONELLI, TERRY, STOUT & KRAUS

DES/gfa  
Attachments

|  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> <small>Continuation, Divisional, or PCT, United States, by national Trademark Office, Washington, D.C. 20513, Commissioner</small> |  |  |
|--|--|--|

|                             |                       |                  |
|-----------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 09/936,431                  | Erling Stage          | 367.40412X00     |

020457  
ANTONELLI TERRY STOUT AND KRAUS  
SUITE 1800  
1300 NORTH SEVENTEENTH STREET  
ARLINGTON, VA 22209

|                               |               |
|-------------------------------|---------------|
| INTERNATIONAL APPLICATION NO. |               |
| PCT/EP00/01923                |               |
| LA. FILING DATE               | PRIORITY DATE |
| 03/06/2000                    | 03/18/1999    |

CONFIRMATION NO. 4496  
371 FORMALITIES LETTER



*367.40412X00  
declaration 4/1/02*

Date Mailed: 11/01/2001

*Des*

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Preliminary Amendments

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be

mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

CHARITTA A BURT

Telephone: (703) 305-3734

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 09/936,431                  | PCT/EP00/01923                | 367.40412X00     |

DUPLICATE

|  |  |   |  |  |  |
|--|--|---|--|--|--|
| FORM FTO-1390<br>(REV. 11-2000)  |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE |  | ATTORNEY'S DOCKET NUMBER   |  |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371   |  |   |  | 367.40412X00 filed September 13, 2001<br>U.S. APPLICATION NO. (if known, see 37 CFR 1.5) |  |
| INTERNATIONAL APPLICATION NO.<br>PCT/EP00/01923  |  | INTERNATIONAL FILING DATE<br>06 March 2000 (6.03.00)    |  | PRIORITY DATE CLAIMED<br>18 March 1999 (18.03.99)  |  |
| TITLE OF INVENTION RADIO HANDSET   |  |   |  |  |  |
| APPLICANT(S) FOR DO/EO/US ; STAGE, Erling and PEDERSEN, Claus  |  |   |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |   |  |  |  |
| <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input checked="" type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information:</p> <p>See Attachment 1</p> |  |   |  |  |  |

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.  
PCT/EP00/01923ATTORNEY'S DOCKET NUMBER  
367.40412X00

CALCULATIONS PTO USE ONLY

21. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a) (2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO ..... \$1000.00International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$860.00International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$710.00International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$690.00International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$ 860.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 0.00

| CLAIMS             | NUMBER FILED | NUMBER EXTRA | RATE       |
|--------------------|--------------|--------------|------------|
| Total claims       | 28 -20 =     | 8            | x \$18.00  |
| Independent claims | 4 -3 =       | 1            | x \$80.00  |
|                    |              |              | + \$270.00 |

\$

\$ 144.00

\$ 80.00

\$ 0.00

MULTIPLE DEPENDENT CLAIM(S) (if applicable)

\$ 1,084.00

**TOTAL OF ABOVE CALCULATIONS =**☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above  
are reduced by 1/2.

\$ 0.00

**SUBTOTAL =**

\$ 1,084.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

\$ 0.00

**TOTAL NATIONAL FEE =**

\$ 1,084.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$

\$ 0.00

**TOTAL FEES ENCLOSED =**

\$ 1,084.00

Amount to be  
refunded: \$

charged: \$

- a. ☒ A check in the amount of \$ 1,084.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 01-2135. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card  
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Donald E. Stout  
Antonelli, Terry, Stout & Kraus, LLP  
1300 North 17th Street Suite 1800  
Arlington, VA 22209

SIGNATURE

Donald E. Stout  
NAME26,422  
REGISTRATION NUMBER

## Addendum

### Attachment 1

PCT Request Form  
International Publication NO. WO 00/57657  
International Preliminary Examination Report  
International Search Report w/cited refs.  
Credit Card Payment Form  
Figs. 1-5

DUPLICATE

367.40412X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: STAGE et al

Serial No.:

Filed: September 13, 2001

For: Radio Handset

Group:

Examiner:

**PRELIMINARY AMENDMENT**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

September 13, 2001

Sir:

Prior to examination on the merits of this application and prior to calculation  
of the filing fee, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please cancel claims 1 - 16 without prejudice or disclaimer of the subject  
matter contained therein.

Please add the following new claims to the application:

17. A radio handset for browsing the Internet comprising:

a browser application which provides a user of the handset access to the  
Internet via a first transceiver which sends radio packets to and receives radio packets  
from an Internet gateway;

a router arranged to route content supplied by the Internet gateway via the first  
transceiver to a registered application, the content having an identifier which



identifies the type of application suitable for receiving the content and arranged to register applications by associating an application on registration with at least one identifier;

a user interface connected to the browser application having a display for displaying content and a user input; and

an interface having a radio transceiver for coupling with an interface of an accessory device comprising a remote application, the interface being arranged to receive content routed to the remote application and to thereby increase the functionality of the handset, wherein the remote application is automatically registered by the router in response to the coupling of the handset and accessory device.

18. A handset as claimed in claim 17 wherein transmission from and to the transceiver is in accordance with the WAP protocol.

19. A handset as claimed in claim 17 wherein the first transceiver and the radio transceiver are separate.

20. A handset as claimed in claim 17 wherein the radio transceiver communicates with the accessory device using low power radio frequency signals.

21. A handset as claimed in claim 20 wherein the radio transceiver transmits and receives signals according to the Bluetooth standard.

22. A handset as claimed in claim 17 wherein the router and the browser application are integrated.

23. A handset as claimed in claim 17 wherein a processor including a memory which executes the browser application.

24. A handset as claimed in claim 17 wherein the router comprises a look-up table associating application addresses with an identifier or identifiers
25. A handset as claimed in claim 24 wherein registration of an application comprises entry of the application's address and an associated identifier or identifiers in the routing table.
26. A handset as claimed in claim 17 wherein the identifier for the content comprises the content type.
27. A handset as claimed in claim 17 wherein the router de-register is registered applications by disassociating the application with an associated at least one identifier.
28. A handset as claimed in claim 27 wherein de-registration occurs in response to removal of an application from the handset and/or in response to the de-coupling of the handset and accessory device.
29. A handset as claimed in claim 17 wherein the browser application is a registered application.
30. A system comprising a radio handset for browsing the Internet and downloading content therefrom and an accessory device for increasing functionality of the radio handset in response to the content, the handset comprising:
- a browser application which provides a user of the handset access to the Internet via a first transceiver which sends radio packets to and receives radio packets from an Internet gateway;
  - a router arranged to route content supplied by the Internet gateway via the first transceiver to a registered application, the content having an identifier for identifying the type of application suitable for receiving the content and arranged to register applications by associating an application on registration with at least one identifier;

a user interface connected to the browser application having a screen for displaying content and a user input; and

an interface having a radio transceiver for coupling with an interface of an accessory device having a remote application, the interface receiving content routed to the remote application and to thereby increase the functionality of the handset; and where

the remote application is automatically registered by the router in response to the coupling of the handset and accessory device.

31. A radio handset for browsing the Internet comprising:

a browser application which allows a user of the handset to access the Internet via a first transceiver means arranged to send radio packets to and receive radio packets from an Internet gateway;

routing means arranged to route content supplied by the Internet gateway via the first transceiver means to a registered application, the content having an identifier for identifying the type of application suitable for receiving the content and arranged to register applications by associating an application on registration with at least one identifier;

a user interface connected to the browser application having a display for displaying content and user input means; and

an interface having a radio transceiver for coupling with an interface of an accessory device comprising a remote application, the interface being arranged to receive content routed to the remote application and to thereby increase the functionality of the handset, wherein the remote application is automatically

registered by the routing means in response to the coupling of the handset and accessory device.

32. A handset as claimed in claim 31 wherein transmission from and to the transceiver is in accordance with the WAP protocol.
33. A handset as claimed in claim 31 wherein the first transceiver means and the radio transceiver are separate.
34. A handset as claimed in claim 31 wherein the radio transceiver is arranged to communicate with the accessory device using low power radio frequency signals.
35. A handset as claimed in claim 34 wherein the radio transceiver transmits and receives signals according to the Bluetooth standard.
36. A handset as claimed in claim 31 wherein the routing means and the browser application are integrated.
37. A handset as claimed in claim 31 wherein a processor means including memory performs the functions of the browser application.
38. A handset as claimed in claim 31 wherein the routing means comprises a look-up table associating application addresses with an identifier or identifiers.
39. A handset as claimed in claim 38 wherein registration of an application comprises entry of the application's address and its associated identifier or identifiers in the routing table.
40. A handset as claimed in claim 31 wherein the identifier for the content comprises the content type.
41. A handset as claimed in claim 31 wherein the routing means is arranged to de-register registered applications by disassociating the application with its associated at least one identifier.

42. A handset as claimed in claim 41 wherein de-registration occurs in response to removal of an application from the handset and/or in response to the de-coupling of the handset and accessory device.

43. A handset as claimed in claim 31 wherein the browser application is a registered application.

44. A system comprising a radio handset for browsing the Internet and downloading content therefrom and an accessory device for increasing the functionality of the radio handset in response to said content, the handset comprising:

a browser application which allows a user of the handset to access the Internet via first transceiver means arranged to send radio packets to and receive radio packets from an Internet gateway;

routing means arranged to route content supplied by the Internet gateway via the first transceiver means to a registered application, the content having an identifier for identifying the type of application suitable for receiving the content and arranged to register applications by associating an application on registration with at least one identifier;

a user interface connected to the browser application having a screen for displaying content and user input means;

an interface having a radio transceiver for coupling with an interface of an accessory device having a remote application, the interface being arranged to receive content routed to the remote application and to thereby increase the functionality of the handset, and wherein

the remote application is automatically registered by the routing means in response to the coupling of the handset and accessory device.

REMARKS

The foregoing amendments are respectfully requested prior to examination on the merits of this application. A marked up copy of the amended claims is attached.

To the extent necessary, applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 367.40412X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



Donald E. Stout  
Registration No. 26,422

DES/jla  
(703) 312-6600

FORM PTO-1593  
1-31-92RECORDATION FORM COVER SHEET  
PATENTS ONLY

Docket No.:

DUPLICATE  
U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Erling Bugge STAGE  
Claus PEDERSENAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: January 4, 12, 2001

## 2. Name and address of receiving party(ies):

Name: Nokia Mobile Phones Limited

Street Address: Keilalahdentie 4, 02150

City: Espoo

Country: Finland

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
09/936,431 Filed September 13, 2001

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP

Internal Address:

Street Address: 1300 North Seventeenth Street  
Suite 1800

City: Arlington State: VA Zip: 22209

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40.00

- ☒ Enclosed  
☒ Any deficiencies may be charged to deposit account  
☐ Authorized to be charged to deposit account

## 8. Deposit account number: 01-2135

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Donald E. Stout

Name of Person Signing

Signature

March 7, 2002

Date

Attorney Registration No. 26,422

Total number of pages including cover sheet, attachments, and document: 2

OMB No. 0651-0011 (exp. 4/94)

Attorney Docket No.367.40412X00

**ASSIGNMENT**

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to **Radio Handset**

- ☐ for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
- ☒ for which U.S. Application Serial No.09/936,431 for Letters Patent was filed in the U.S. Patent and Trademark Office on 13 September 2001
- ☐ for which an International Application \_\_\_\_\_ as \_\_\_\_\_, designating the United States. was filed on \_\_\_\_\_

AND WHEREAS

**NOKIA MOBILE PHONES LIMITED**  
**KEILALAHDENTIE 4**  
**02150 ESPOO**  
**FINLAND**

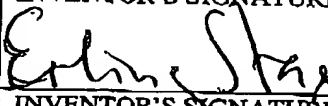

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Anttoneli, Terry, Stout, Kraus, LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

|   |   |  |                   |
|---|---|--|-------------------|
| 1 | FULL NAME OF SOLE OR FIRST NAMED INVENTOR<br><br>ERLING BUGGE STAGE | INVENTOR'S SIGNATURE<br> | DATE<br>1/12 2001 |
| 2 | FULL NAME OF SECOND NAMED INVENTOR<br><br>CLAUS PEDERSEN            | INVENTOR'S SIGNATURE<br> | DATE<br>4/1-2002  |
| 3 | FULL NAME OF THIRD NAMED INVENTOR                                   | INVENTOR'S SIGNATURE   | DATE              |
| 4 | FULL NAME OF FOURTH NAMED INVENTOR                                  | INVENTOR'S SIGNATURE   | DATE              |
| 5 | FULL NAME OF FIFTH NAMED INVENTOR                                   | INVENTOR'S SIGNATURE   | DATE              |



DUPLICATE

Patent ☒ Trademark ☐ 367.40412X00  
Serial No. 09/936,431 Filed September 13, 2001  
Applicant(s) STAGE, et al  
Papers filed herewith on March 7, 2002  
☒ Fees \$ 1090.00 ☒ Assignment  
☐ New Application ☐ Letter to Draftsman  
☐ Amendment ☐ Priority Documents  
☐ Notice of Appeal ☒ Petition for Ext. of Time  
☐ Appeal Brief ☐ Sheets of Formal Drawings  
☒ Other Reply to Office Letter, Notice to file missing parts, Declaration (2)pgs, credit card payment Form

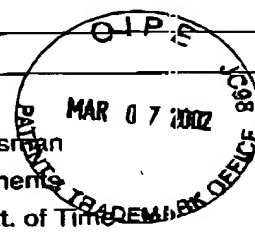
Receipt is hereby acknowledged of the papers filed as indicated in connection with above identified case.

COMMISSIONER OF PATENTS AND TRADEMARKS

4/1/02

5/1

(DES/glu)



DUPLICATE

PCT/EP00/01922

533 Rec'd PCT/PTO 13 SEP 2001

Patent ☒Trademark ☐

367 40412X00

Serial No. \_\_\_\_\_

Filed September 13, 2001

Applicant(s) STAGE, et al.

09/936431

Papers filed herewith on September 13, 2001

☒ Fees \$ 1084.00☐ Assignment☒ New Application☐ Letter to Draftsman☒ Amendment Prelim.☐ Priority Documents☐ Notice of Appeal☐ Petition for Ext. of Time☐ Appeal Brief☒ 4 Sheets of Formal Drawings☒ Other Specification(16claims), Abstract(15pages),

Credit Card Form, Figs. 1-5, PCT Request Form, Int. Pub.

NO. WO 00/57657, Int. Prelim. Exam. Rpt. Int. Search

Receipt is hereby acknowledged of the papers filed as indicated in connection with above identified case.

L 98 8/210-1449 Form COMMISSIONER OF PATENTS AND TRADEMARKS

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3/122 (11-96)

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**CHANGE OF  
CORRESPONDENCE ADDRESS**  
*Application*Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Application Number

Filing Date

September 13, 2001

First Named Inventor

STAGE, et al.

Group Art Unit

Examiner Name

Attorney Docket Number

367.40412X00

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I am the :



Applicant.

Assignee of record of the entire interest.  
Certificate under 37 CFR 3.73(b) is enclosed.

Attorney or agent of record.

Typed or  
Printed Name

Donald E. Stout

Registration NO. 26,422

Signature

Date

September 13, 2001.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

367.40412X00

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): STAGE, et al  
Serial No.: 09/936,431  
Filed: September 13, 2001  
For: RADIO HANDSET

PETITION FOR EXTENSION OF TIME

Commissioner for Patents  
Washington, D.C. 20231

March 7, 2002

Sir:

In the matter of the above-identified application, applicant (s) hereby respectfully petition for an extension of time to permit filing of a response within the three month subsequent to the shortened statutory period set in the Notice to File Missing Parts of Nonprovisional Application mailed November 1, 2001. A payment in the amount of \$920.00 to cover the required fee for the requested extension of time is attached hereto.

It is respectfully requested that any shortage in the fee be charged to the to Deposit Account No. 01-2135 (367.40412X00) and please credit any excess fees to such deposit account.

Respectfully submitted,

Donald E. Stout  
Registration No. 26,422  
ANTONELLI, TERRY, STOUT & KRAUS, LLP

DES/gfa  
Attachment(s)

\*\*\*\*\*  
\*\*\* RX REPORT \*\*\*  
\*\*\*\*\*

RECEPTION OK

|                |             |              |
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| SUBADDRESS     |             |              |
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| PGS.           | 32          |              |
| RESULT         | OK          |              |